

10

(1) OWNER: Name CIT. OF KENT Address KENT ENG DEPT PO BOX
(2) LOCATION OF WELL: County KING - SE 1/4 SW 1/4 Sec 6 T 22
Bearing and distance from section or subdivision corner APPROX. 2000' E OF SUB COR OF SEC 6

(3) PROPOSED USE: Domestic Industrial Municipal
Irrigation Test Well Other
(4) TYPE OF WORK: Owner's number of well SOUTH 208th STREET
New well Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, show thickness of aquifers and the kind and nature of the material in stratum penetrated, with at least one entry for each change of formation

MATERIAL	FROM	TO
FILL MATERIAL AND OLD ROAD BED	0	7
DARK GRAY COMPACTED GRAVEL AND SILT	7	24
DARK GRAY COMPACTED SAND GRAVEL AND SILT	24	42
LIGHT GRAY COMPACTED SILTY SAND AND GRAVEL	42	80
GRAY PEBBLY FEATY CLAY	80	93
GRAY SILT WITH GRAVEL	93	108
GRAY COMPACTED PEBBLY SILT	108	168
GRAY-GREEN SAND AND GRAVEL WITH OCCASIONAL LIGNITIC CLASTS	168	260
GRAY TO GRAY-GREEN FINE TO COARSE SAND WITH ABUNDANT LIGNITIC CLASTS, OCCASIONAL GRAVELLY ZONES AND LAYERS OF SILTY SAND AND GRAVEL	260	39

(5) DIMENSIONS: Diameter of well 12 inches
Drilled 395 ft. Depth of completed well 231 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 12" Diam. from +2.5 ft. to 184 ft.
Threaded 16" Diam. from 0 ft. to 40 ft.
Welded " Diam. from _____ ft. to _____ ft.
Perforations: Yes No
Type of perforator used _____
SIZE of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

Screens: Yes No
Manufacturer's Name UOP-JOHNSON
Type STAINLESS Model No _____
Diam. 12 TS Slot size 80 from 1801 ft. to 221 ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.
Surface seal: Yes No To what depth? 59 ft.
Material used in seal CEMENT GROUT
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
Type: _____ HP _____

(8) WATER LEVELS: Land-surface elevation APPROX 30'
Static level APPROX 20' ft. below top of well Date _____
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____
(Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? _____
Yield: 1600 gal./min. with 138 ft. drawdown after 28 hrs.
" " " " "
" " " " "

PREPARED BY:
ROBINSON & NOBLE, INC
Martin B. Sobran

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test _____
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes No

Work started MARCH, 1983 Completed JUNE, 1983

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME ARMSTRONG DRILLING INC
(Person, firm, or corporation) (Type or print)
Address 10715 66 Ave SE, Puyallup WA 98342
[Signed] Jul E. Armstrong
(Well Driller)
License No. 6017 Date 7-26, 1983

WATER WELL REPORT

STATE OF WASHINGTON

(1) OWNER: Name CITY OF KENT Address KENT ENG DEPT PO Box 310
 (2) LOCATION OF WELL: County KING - SE 1/4 NW 1/4 Sec. 7 T. 22N. R. 5E W.M.
 Bearing and distance from section or subdivision corner APPROX. 2100' E AND 1500' S. OF NW COR OF SEC

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 (4) TYPE OF WORK: Owner's number of well SOUTH 212th, No 2
 (if more than one) ...
 New well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 16 inches.
 Drilled 463 ft. Depth of completed well 366.4 ft.

(6) CONSTRUCTION DETAILS:
 Casing installed: 16" Diam. from 0 ft. to 248 ft.
 Threaded 20" Diam. from 0 ft. to 40 ft.
 Welded " Diam. from " ft. to " ft.

Perforations: Yes No
 Type of perforator used _____
 SIZE of perforations _____ in. by _____ in.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

Screens: Yes No
 Manufacturer's Name U.O.P. - JOHNSON
 Type STAINLESS Model No. _____
 Diam. 10 P.S. Slot size 100 from 331.4 ft. to 396.4 ft.
 Diam. 10 P.S. Slot size 20 from 231.6 ft. to 235.6 ft.

Gravel packed: Yes No Size of gravel: PEA GN
 Gravel placed from 226 ft. to 417 ft.

Surface seal: Yes No To what depth? APP 50 ft.
 Material used in seal CEMENT GROUT
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____ H.P. _____
 Type: _____

(8) WATER LEVELS: Land-surface elevation above mean sea level APPROX 55'
 Static level + 43 ft. below top of well Date 6/83
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? _____
 Yield: 1860 gal./min. with 162 ft. drawdown after 24 hrs.
 " " " " " "
 " " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level

Date of test _____ hrs.
 Baller test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
BROWN CLAY SAND GRAVEL	0	27
BROWN SAND AND CLAY	27	77
GRAY CLAY, SILT AND SAND	77	85
FINE SAND	85	87
GREEN SAND AND CLAY	87	97
GREEN SAND AND GRAVEL	97	102
BLUE-GREEN SAND GRAVEL,	102	158
SILT AND CLAY		
BLUE-GREEN SAND AND GRAVEL	158	165
INTERLAYERED WITH DARK		
GREEN SANDY SILT		
GRAY CLAY, SILT AND SAND	165	259
OCCASIONAL PEAT,		
OCCASIONAL GRAVEL, GRADES		
TO BLUE-GREEN AND		
GRAY-GREEN		
GRAY-GREEN, POORLY SORTED	259	APP.
SAND AND GRAVEL,		
INTERLAYERED WITH SAND,		
GRAVEL, SILT, AND CLAY,		
OCCASIONAL PEAT AND WOOD		
GRAY FINE TO MEDIUM	420	458
SAND, SOME COARSE SAND,		
WOOD CHIPS,		
BLUE-GREEN LAMINAR CLAY	458	460
WITH COAL		
GRAY SILTY SAND	460	463

PREPARED BY:
ROBINSON + NOBLE INC
M. B. Selvan

Work started MARCH 1983 Completed JUNE 1983

WELL DRILLER'S STATEMENT:
 This well was drilled under my jurisdiction and this report true to the best of my knowledge and belief.

NAME ARMSTRONG DRILLING
 (Person, firm, or corporation) (Type or print)
 Address 2015 66 Ave Puy Wh 983
 [Signed] [Signature]
 (Well Driller)
 License No. 0012 Date 7-26 1983

ORIGINAL SIGNED BY DA

(1) OWNER: Name City of KENT Address 220 So. 4th St. Kent, WA 98032

(2) LOCATION OF WELL: County King - So. 212th St. Well # 2 - S.E. 1/4 N.W. 1/4 Sec. 7 T. 22 N., R. 5 E W.M.

Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other

(4) TYPE OF WORK: Owner's number of well #1
 (if more than one) ...
 New well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 16 inches.
 Drilled 463 ft. Depth of completed well 966 ft.

(6) CONSTRUCTION DETAILS:
 Casing installed: 16" Diam. from ±2 ft. to 966 ft.
 Threaded 12" Diam. from ±2 ft. to 463 ft.
 Welded " Diam. from " ft. to " ft.

Perforations: Yes No
 Type of perforator used _____
 SIZE of perforations _____ in. by _____ in.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

Screens: Yes No
 Manufacturer's Name HOP Johnson
 Type Stainless Steel Model No. 904
 Diam. 10" Slot size 20 from 356 ft. to 931 ft.
 Diam. 10" Slot size 20 from 931 ft. to 966 ft.

Gravel packed: Yes No Size of gravel: Pea
 Gravel placed from 356 ft. to 966 ft.

Surface seal: Yes No To what depth? 901 ft.
 Material used in seal Grout
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
 Type: _____ HP _____

(8) WATER LEVELS: Land-surface elevation above mean sea level... 55 ft.
 Static level +43 ft. above top of well Date 6-83
 Artesian pressure 21 lbs. per square inch Date 6-83
 Artesian water is controlled by Cap & Valve
 (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? Driller
 Yield: 1284 gal./min. with 100 ft. drawdown after 24 hrs.
 " " " " " "
 " " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test _____
 Bailor test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow 550 g.p.m. Date 6-83
 Temperature of water _____ Was a chemical analysis made? Yes No

(10) WELL LOG:
 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation

MATERIAL	FROM	TO
BROWN CLAY, SAND, + GRAVEL	0'	27'
BROWN SANDY CLAY	27'	77'
GRAY CLAY, SILT + SAND	77'	85'
FINE SAND	85'	87'
GREEN SAND AND CLAY	87'	97'
GREEN SAND AND GRAVEL	97'	102'
BLUE-GREEN SAND + GRAVEL, SILT + CLAY	102'	158'
BLUE-GREEN SAND + GRAVEL, INTERLAYERED W/DARK GREEN SANDY SILT	158'	165'
GRAY CLAY, SILT + SAND OCCA. PEAT, OCCA. GRAVEL, GRADES TO BLUE-GREEN + GRAY GREEN	165'	259'
GRAY GREEN POORLY SORTED SAND + GRAVEL, INTERLAYERED W/SAND, GRAVEL, SILT + CLAY, OCCA. PEAT + WOOD -		
GRAY FINE TO MEDIUM SAND, SOME COARSE SAND, WOOD CHIPS	259'	458'
BLUE-GREEN LAMINAR CLAY, WITH COAL	458'	460'
GRAY-SILTY SAND	460'	463'

RECEIVED
 MAY 22 1987
 DEPARTMENT OF ECOLOGY
 NORTHWEST REGION

Work started _____, 19____. Completed _____, 19____

WELL DRILLER'S STATEMENT:
 This well was drilled under my jurisdiction and this report true to the best of my knowledge and belief.

NAME ARMSTRONG DRILLING, INC.
 (Person, firm, or corporation) (Type or print)
 Address 10715 164th Ave. NE. East Point
 [Signed] [Signature]
 (Well Driller)
 License No. 0012 Date 5-20, 1983

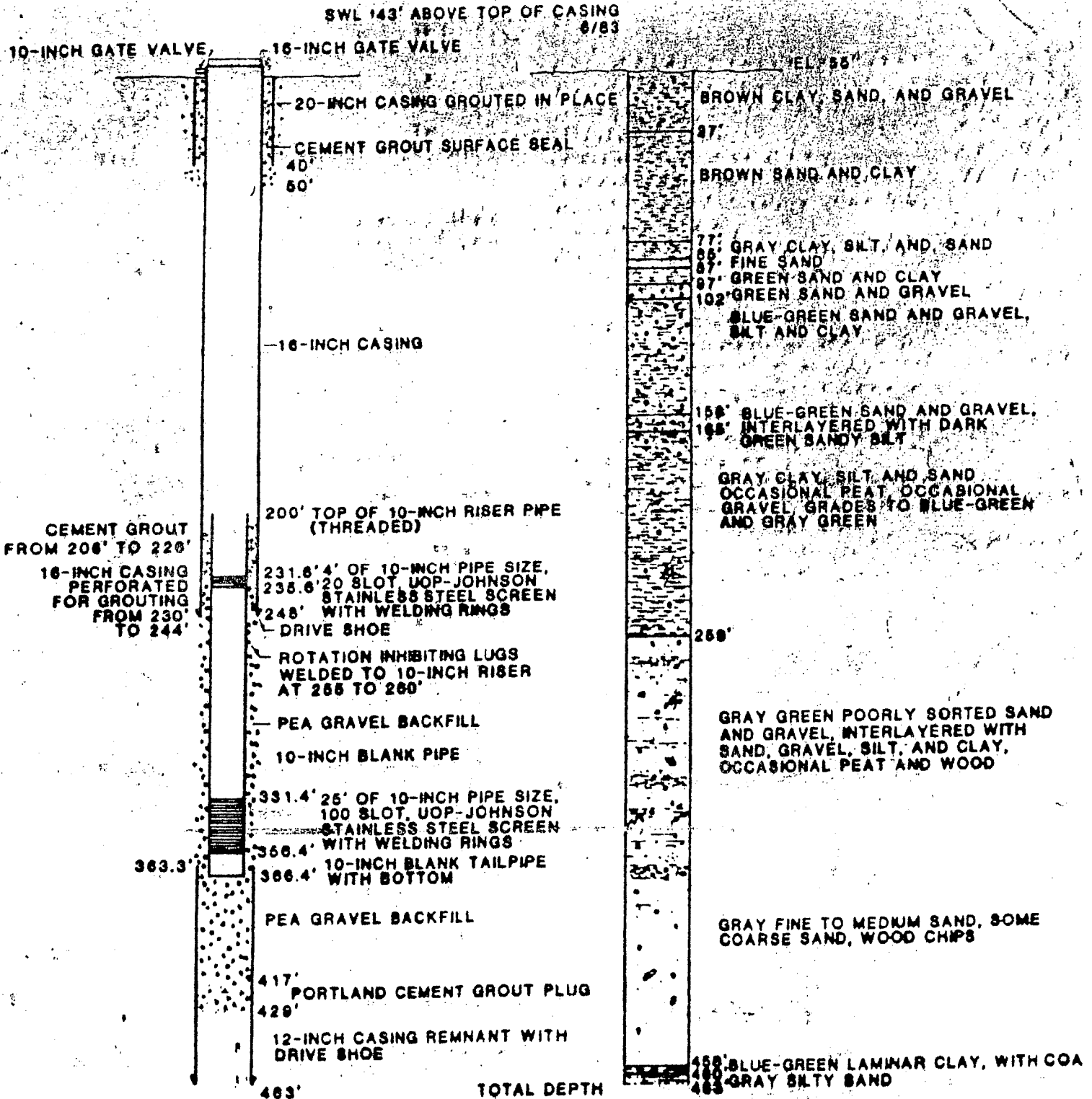
S.E. 1/4 NW 1/4 T32N R5E

13 A. T. Toland

Sec T

CONSTRUCTION DETAIL

GEOLOGIC LOG



RECEIVED
MAY 22 1987

(1) OWNER: Name CITY of KENT Address P.O. BOX 310 KENT, WA 98031

(2) LOCATION OF WELL: County KING SE 1/4 NW 1/4 Sec 7E T. 22N., R. 5E W.M.

Bearing and distance from section or subdivision corner 2100' E, 1500' S of NW COR SEC 7

(3) PROPOSED USE: Domestic Industrial Municipal
Irrigation Test Well Other

(4) TYPE OF WORK: Owner's number of well (if more than one) 2 1/2 TH #1
New well Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 12 inches.
Drilled 371 ft. Depth of completed well 367 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 12 " Diam. from +2.6 ft. to 333 ft.
Threaded " Diam. from _____ ft. to _____ ft.
Welded " Diam. from _____ ft. to _____ ft.

Perforations: Yes No
Type of perforator used _____
SIZE of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

Screens: Yes No
Manufacturer's Name JOHNSON
Type WATERMARK Model No. _____
Diam. 8" P.S. Slot size 80 from 336 ft. to 367 ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel: PEA
Gravel placed from 367 ft. to 250 ft.

Surface seal: Yes No To what depth? 45 ft.
Material used in seal _____
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name N/A
Type: _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
Static level 49 ft. below top of well Date 10/10/82
Artesian pressure 21.1 lbs. per square inch Date 10/11/82
Artesian water is controlled by CAP + VALVE
(Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level lowered below static level _____ ft.
Was a pump test made? Yes No If yes, by whom? _____
Yield: 1194 gal./min. with 99 ft. drawdown after _____ hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test 7/82
Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
Artesian flow 567 AVG. g.p.m. Date 10/6-9/82
Temperature of water 50°F Was a chemical analysis made? Yes No

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
<u>SAND AND GRAVEL, WITH SILT AND CLAY, BROWN</u>	<u>0</u>	<u>21</u>
<u>SAND AND GRAVEL, WITH SILT AND CLAY, GREEN.</u>	<u>21</u>	<u>30</u>
<u>CLAY, GRAVELLY, GRAY, SOME WATER</u>	<u>30</u>	<u>37</u>
<u>CLAY, SILT, SAND WITH WOOD AND PEAT, OCCASIONAL GRAVEL, GRAY BROWN.</u>	<u>37</u>	<u>76</u>
<u>CLAY, SILTY, BLUE-GRAY</u>	<u>76</u>	<u>85</u>
<u>CLAY, SANDY, BROWN</u>	<u>85</u>	<u>90</u>
<u>SAND, GRAVEL, SILT, AND CLAY, TILL OR TILL LIKE, BROWN OR BLUE GRAY, GRADING TO BLUE GREEN, OCCASIONAL LAYERS OF PEAT.</u>	<u>90</u>	<u>129</u>
<u>SAND, SILTY CLAYEY, OCC. GRAVELS, SOME WATER</u>	<u>129</u>	<u>150</u>
<u>SAND AND GRAVEL WITH SILT AND CLAY, BLUE GREEN, THIN LAYER WATER BEARING GRAVEL AT 169'</u>	<u>150</u>	<u>195</u>
<u>CLAY, BROWN, WITH WOOD</u>	<u>195</u>	<u>199</u>
<u>CLAY, SILT, SAND, OCC. PEAT, OCC. GRAVEL, GRAY-GREEN</u>	<u>199</u>	<u>260</u>
<u>SAND, WITH PEAT AND SILT, GRAY BROWN</u>	<u>260</u>	<u>265</u>
<u>SAND AND GRAVEL, GRAY GREEN, INTERLAYERED WITH SAND, GRAVEL SILT AND CLAY, OCC. PEAT AND WOOD WATER BEARING</u>	<u>265</u>	<u>333</u>
<u>GRAVEL WITH SAND, GRAY GREEN, WATER BEARING, OCC. SILT OR CLAY LAYER</u>	<u>333</u>	<u>367</u>
Work started <u>6/1</u> , 19 <u>82</u> . Completed <u>10/11</u> , 19 <u>82</u>		

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME ARMSTRONG DRILLING, INC (Type or print)
Address 10715 66th Ave EAST PUYALLUP WA 9837
[Signed] J. E. Armstrong (Well Driller)
License No. 0012 Date 10-31, 1982

(USE ADDITIONAL SHEETS IF NECESSARY)

WATER WELL REPORT

STATE OF WASHINGTON

(1) **OWNER:** Name City of KENT Address 220 SO. 4th ST. KENT, WA 98032

(2) **LOCATION OF WELL:** County King - So. 212th ST. WELL #1 - S.E. 1/4 N.W. 1/4 Sec. 7 T.23 N., R.5E W.M.

Bearing and distance from section or subdivision corner

(3) **PROPOSED USE:** Domestic Industrial Municipal
Irrigation Test Well Other

(4) **TYPE OF WORK:** Owner's number of well (if more than one) #2
 New well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(5) **DIMENSIONS:** Diameter of well 12 1/2 inches.
 Drilled 367 ft. Depth of completed well 367 ft.

(6) **CONSTRUCTION DETAILS:**
 Casing installed: 12 1/2" Diam. from +2 ft. to 367 ft.
 Threaded " Diam. from _____ ft. to _____ ft.
 Welded " Diam. from _____ ft. to _____ ft.

Perforations: Yes No
 Type of perforator used _____
 SIZE of perforations _____ in. by _____ in.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

Screens: Yes No
 Manufacturer's Name W.P. Schaefer
 Type Thin Wall Steel Model No. 204
 Diam. 12 1/2" Slot size 10 from 367 ft. to 336 ft.
 Diam. 10" Slot size 20 from 247 ft. to 282 ft.

Gravel packed: Yes No Size of gravel: 1/8"
 Gravel placed from 367 ft. to 247 ft.

Surface seal: Yes No To what depth? 45' ft.
 Material used in seal Concrete Grout
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(7) **PUMP:** Manufacturer's Name _____
 Type: _____ HP _____

(8) **WATER LEVELS:** Land-surface elevation above mean sea level 55 ft.
 Static level +43 ft. top of well Date 5-24
 Artesian pressure 2.1 lbs. per square inch Date 5-24
 Artesian water is controlled by Capt. Valve
 (Cap. valve, etc.)

(9) **WELL TESTS:** Drawdown is amount water level is lowered below static level.
 Was a pump test made? Yes No If yes, by whom? Driller
 Yield: 1860 gal./min. with 180 ft. drawdown after 24 hrs.
 " " " " " "
 " " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level

Date of test _____
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow 4.30
 Temperature of water _____ Was a chemical analysis made? Yes No

(10) **WELL LOG:**
 Formation: Describes by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
S+G, w/silt + clay, BROWN	0'	21'
S+G, w/silt + clay, GREEN	21'	30'
CLAY, GRAVELLY, GRAY, SOME WATER	30'	37'
CLAY, SILTY, SAND w/WOOD + PEAT, OCCASIONAL GRAVEL, GRAY BROWN	37'	76'
CLAY, SILTY, BLUE-GRAY	76'	85'
CLAY, SANDY, BROWN	85'	90'
SAND, GRAVEL, SILT, CLAY, TILL, OR TILL LIKE, BROWN OR BLUE-GRAY GRADING TO BLUE GREEN, OCCASIONAL LAYERS OF PEAT	90'	129'
SAND SILTY, CLAYEY, OCCA. GRAVELS, SOME WATER	129'	150'
S+G, w/silt + clay, GREEN, THIN layer of water BEARING	150'	195'
CLAY, BROWN WITH WOOD	195'	199'
CLAY, SILT, SAND, OCCA. PEAT, OCCA. GRAVEL, GRAY-GREEN	199'	260'
SAND, w/PEAT + SILT, GRAY BROWN	260'	265'
SAND GRAVEL GRAY GREEN INTERLAY w/SAND GRAVEL SILT + CLAY OCCA. PEAT + WOOD, WATER BEARING FROM 265' TO 277', 284' TO 298' + 307' TO 322'	265'	333'
GRAVEL w/SAND GRAY GREEN, WATER BEARING, OCCASIONAL SILT + CLAY LAYERS.	333'	367'

Work started _____, 19____ Completed _____, 19____

WELL DRILLER'S STATEMENT:
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME ARMSTRONG DRILLING, INC.
 (Person, firm, or corporation) (Type or print)
 Address 10715 66th AVE East Puyallup
 [Signed] John E. Armstrong
 (Well Driller)
 License No. 0012 Date 5-20, 1987

RECEIVED
MAY 12 2 1987

16" SURFACE CASING
GROUTED TO 17" CASING

20'

45'

12" CASING

212

247'

27.7'

282'

6' OF 20 SLOT, 8" P.S. JOHNSON WATERMARK SCREEN

DRIVE SHOULDER

333'

336'

SCOFFIELD 4.6 PIA GRAVEL STABILIZER

21' OF 80 SLOT, 8" P.S. JOHNSON WATERMARK SCREEN WITH BAIL

367'

SAND AND GRAVEL WITH SILT AND CLAY, BROWN

21'

SAND AND GRAVEL WITH SILT AND CLAY, GREEN

30'

CLAY, GRAVELLY, GRAY SOME WATER

37'

CLAY, SILT, SAND WITH WOOD AND PEAT OCC. GRAVEL GRAY BROWN

76'

CLAY, SILTY, BLUE GRAY

85'

CLAY, SANDY, BROWN

80'

SAND, GRAVEL, SILT, AND CLAY, TILL OR FILL LIKE, BROWN OR BLUE GRAY GRADING TO BLUE GREEN, OCC. LAYERS OF PEAT

129'

SAND, SILTY, CLAYEY, OCC. GRAVELS, SOME WATER

150'

SAND AND GRAVEL WITH SILT AND CLAY GREEN THIN LAYER OF WATER BEARING AT 150'

195'

CLAY, BROWN, WITH WOOD

189'

CLAY, SILT, SAND, OCC. PEAT, OCC. GRAVEL, GRAY GREEN

260'

SAND WITH PEAT AND SILT, GRAY BROWN

265'

SAND AND GRAVEL GRAY GREEN INTERLAYER WITH SAND, GRAVEL, SILT, AND CLAY OCCASIONAL PEAT AND WOOD WATER BEARING FROM 265' TO 277', 284 TO 291 AND 307' TO 322'

333'

GRAVEL WITH SAND GRAY GREEN, WATER BEARING, OCCASIONAL SILT AND CLAY LA.

367'

TOTAL DEPTH

RECEIVED
MAY 22 1987

#12
C-12
K. Thelmont

101814

WATER WELL REPORT

Start Card No W 135386
AFR 915
Water Right Permit No 22-SE-7F

STATE OF WASHINGTON

(1) OWNER: Name CITY OF KENT Address 220 FOURTH AVE S., KENT, WA 98032

(2) LOCATION OF WELL: County KING SE 1/4 NW 1/4 Sec 7 T 22 N, R. SE W.M

(2a) STREET ADDRESS OF WELL (or nearest address) 212th ST. TREATMENT FACILITY

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 DeWater

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information

(4) TYPE OF WORK: Owner's number of well (if more than one) WELL 3
Abandoned New well Deepened Reconditioned
Method: Dug Bored
Cable Driven
Rotary Jetted

MATERIAL	FROM	TO
Brown Silty CLAY SAND GRAVEL	0	40
DARK GRAY SAND AND GRAVEL	40	43
BROWN SILTY CLAY BOUND SAND + GRAVEL	43	50
BROWN SILTY CLAY WITH SAND	50	70
GREEN AND GRAY SILT AND CLAY	70	90
GRAY SILTY SAND AND GRAVEL	90	100
GREEN GRAY SILTY CLAY SAND + GRAVEL	100	180
GRAY GREEN SILTY SAND AND GRAVEL	180	193.5
GRAY GREEN CLAY	193.5	195.5
GRAY BROWN SAND AND SILT	195.5	229
BLUE, GREEN, GRAY CLAY	229	244
GRAY FINE SAND	244	257
BLUE GRAY BROWN CLAY some part	257	290
GRAY SAND AND GRAVEL with	290	490
CLAY layers, wood chips		490
GRAY SILTY SAND	490	522

(5) DIMENSIONS: Diameter of well 16/12 inches
Drilled 522 feet. Depth of completed well 495 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 20" Diam from +0.3 ft. to 120 ft.
Welded 16" Diam from +3.4 ft to 293 ft
Liner installed
Threaded 12" Diam from 213 ft to 290 ft

Perforations: Yes No
Type of perforator used _____
SIZE of perforations _____ in by _____ in
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

Screens: Yes No
Manufacturer's Name UOP JOHNSON
Type STAINLESS Model No. 304
Diam 10" Slot size 290-300 from 320-330 ft to 340-360 ft
Diam _____ Slot size 365-375 from 385-395 ft to 400-410 ft

Gravel packed: Yes No
Size of gravel 460-480, 4x8
Gravel placed from 222 ft to 495 ft

Surface seal: Yes No To what depth? 50' ft
Material used in seal CEMENT GROUT
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name NA
Type _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation ~55 ft above mean sea level
Static level ~45 ft below top of well Date ABOVE
Artesian pressure ~20 psi lbs per square inch Date _____
Artesian water is controlled by CAP + VALVE (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? HOCT, R+N
Yield 2,500 gal / min. with 66.5 ft drawdown after 12 hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level
3 1/2 M FLOWS
Date of test 6/7/01
Bailer test _____ gal / min with _____ ft drawdown after _____ hrs
Airtest _____ gal / min with stem set at _____ ft for _____ hrs
Artesian flow 200+ g p m. Date _____
Temperature of water 50.2 OF Was a chemical analysis made? Yes No

RECEIVED
JUL 24 2001
DEPT OF ECOLOGY

Work started 4/24 ²⁰⁰¹ Completed 5/11 ²⁰⁰¹

WELL CONSTRUCTOR CERTIFICATION:
I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.
NAME Holt Drilling Inc (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
Address Po Box 1890
(Signed) Rh License No 1099
Contractor's Registration No HOCT 1360 G Date 6/20/01, 19____
(WELL DRILLER)

(USE ADDITIONAL SHEETS IF NECESSARY)



File Original and First Copy with
 Department of Ecology
 Second Copy — Owner's Copy
 Third Copy — Driller's Copy

ENTERED WATER WELL REPORT

STATE OF WASHINGTON

Start Card No. W16294
 UNIQUE WELL I.D. AEH 956
 Water Right Permit No. 22-4E-1P

(1) OWNER: Name City of Kent Address N/A

(2) LOCATION OF WELL: County King SE 1/4 SW 1/4 Sec 1 T. 22 N. R. 4 E.
 (2a) STREET ADDRESS OF WELL (or nearest address) 72nd Ave S next to fire station

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other
 DeWater

(4) TYPE OF WORK: Owner's number of well (If more than one) _____
 Abandoned New well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.

(5) DIMENSIONS: Diameter of well 6" inches.
 Drilled 100 feet. Depth of completed well 100 ft.

MATERIAL	FROM	TO
<u>Silt</u>	<u>0</u>	<u>15</u>
<u>Silty sand + wood</u>	<u>15</u>	<u>53</u>
<u>Coarse sand some gravel</u>	<u>53</u>	<u>56</u>
<u>Fine to medium sand</u>	<u>56</u>	<u>100</u>

(6) CONSTRUCTION DETAILS:
 Casing installed: 6" Diam. from +2 ft. to 88 ft.
 Welded Diam. from _____ ft. to _____ ft.
 Liner installed Diam. from _____ ft. to _____ ft.
 Threaded Diam. from _____ ft. to _____ ft.

Perforations: Yes No
 Type of perforator used _____
 SIZE of perforations _____ in. by _____ in.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

Screens: Yes No
 Manufacturer's Name Johnson
 Type Stanku 304 Model No. _____
 Diam. 5' Slot size 14 from 95 ft. to 85 ft.
 Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel _____
 Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 20 ft.
 Material used in seal Bentonite
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
 Type: _____ H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
 Static level Ground _____ ft. below top of well Date _____
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? _____
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 " " " " "
 " " " " "
 Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
 Time Water Level Time Water Level Time Water Level
 _____ _____ _____ _____ _____ _____
 Date of test _____
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Airtest _____ gal./min. with stem set at _____ ft. for _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

RECEIVED
 OCT 16 1998
 NWRG-WR
 DEPT OF ECOLOGY

Work Started 6-23-98 19. Completed 6-25-98 19

WELL CONSTRUCTOR CERTIFICATION:
 I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

NAME Holt Drilling Inc
 (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
 Address 10621 Todd Rd E
 (Signed) Ruby Holt License No. 1099
 (WELL DRILLER)
 Contractor's Registration No. 1706702412606 Date 8-12-98 19

(USE ADDITIONAL SHEETS IF NECESSARY)

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (206) 407-6600. The TDD number is (206) 407-6006.

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
AND DEVELOPMENT

WELL LOG

No

Appli. 4259
Cert. 2887-A

Date **June**, 19 **56**
Record by **well driller**
Source **driller's record**

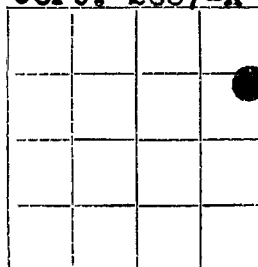


Diagram of Section

Location State of WASHINGTON

County **King**

Area

Map

SE 1/4 NE 1/4 sec 12 T22 N, R 4 E

Drilling Co **J. C. Maxwell**
Address **Seattle, Wash.**

Method of Drilling Date, 19

Owner **James T. & George Komoto**
Address **Kent, Wash.**

Land surface, datum ft above
below

CORRE- LATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
------------------	----------	---------------------	-----------------

(Transcribe driller's terminology literally but paraphrase as necessary in parentheses. If material water-bearing so state and record static level if reported. Give depths in feet below land surface datum unless otherwise indicated. Correlate with stratigraphic column if feasible. Following log of materials list all casings perforations screens etc.)

	Clay top soil	4	4
	Mixed sandy clay, some gra- vel	135	139
	Debris, wood, bark & coal	9	148
	Hardpan	62	210
	Sand & gravel, water 20 gpm. 125' head	8	218
	Gravel	8	226
	Brown clay & fine gravel	21	247
	Sandy clay & small gravel	47	294
	Sand & gravel	27	321
	PUMP TEST:		
	Dim. 321'x6"		
	SWLx +-		
	Flowing well: Measured discharge 75 g.p.m. Shut-in pressure at ground surface 34 lbs. per sq.in.		
	(over)		

Turn up

Sheet

of

sheets

22 N E - 24
KING COUNTY

(1) OWNER: Name Arven Koopmans Address 10020-2.E 193rd Renton, Wa, 98055

(2) LOCATION OF WELL: County King - NE 1/4 NW 1/4 Sec 7 T22 N., R5E W1

Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic Industrial Municipal
Irrigation Test Well Other

(4) TYPE OF WORK: Owner's number of well (if more than one)
New well Method: Dig Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 6 inches
Drilled 55 ft. Depth of completed well 55 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6" diam. from 0 ft. to 51 ft.
Threaded " diam. from _____ ft. to _____ ft.
Welded " diam. from _____ ft. to _____ ft.

Perforations: Yes No
Type of perforator used _____
SIZE of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

Screens: Yes No
Manufacturer's Name Johnson
Type stainless Model No _____
Diam. 5" Slot size .015 from 50 ft. to 55 ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 18 ft.
Material used in seal Bestonite
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
Type: _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation _____ ft.
Static level 30 ft. below top of well Date 8/16/84
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
" " " " " " " " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test _____
Bailer test 16 gal./min. with 5 ft. drawdown after 4 hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water 89 Was a chemical analysis made? Yes No

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, or show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation

MATERIAL	FROM	TO
Topsoil	0	2
Brown fill	2	49
Gravel + water	49	55

RECEIVED
DIV. OF ECOLOGY

Work started 8/8, 1984 Completed 9/16, 1984

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME MORRIS DRILLING CO.
Person, firm, or corporation (Type or print)
Address 7215 - 122nd Ave. S. E.
Renton, WA 98056

[Signed] Thomas J. Morris
(Well Driller)

License No. 0327 Date 9/2, 1984

WATER WELL REPORT

Application No. _____

STATE OF WASHINGTON

Permit No. _____

(1) OWNER: Name: Krohn Hedy Krohn Address: 225 1/2 1st Ave SW Renton
(2) LOCATION OF WELL: County: King NW 1/4 NE 1/4 Sec. 6 T. 22N., R. 5 W.M.
Bearing and distance from section or subdivision corner: See sketch

(3) PROPOSED USE: Domestic Industrial Municipal
Irrigation Test Well Other

(10) WELL LOG:
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

(4) TYPE OF WORK: Owner's number of well (if more than one) _____
New well Method: Dug Bored
Deepened Cable Driven
Reconditioned Rotary Jetted

MATERIAL	FROM	TO
Surface	0	3
Brown sand	3	35
Gray clay	35	42
Gray water sand & gravel	42	49
Brown sand, sand fine	49	—

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 49 ft. Depth of completed well 49 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6" Diam. from 0 ft. to 49 ft.
Threaded " Diam. from _____ ft. to _____ ft.
Welded " Diam. from _____ ft. to _____ ft.

Perforations: Yes No
Type of perforator used _____
SIZE of perforations _____ in. by _____ in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

Screens: Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ from _____ ft. to _____ ft.
Diam. _____ Slot size _____ from _____ ft. to _____ ft.

Gravel packed: Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 18 ft.
Material used in seal: puddling clay-cement
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
Type: _____ HP _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
Static level 11 ft. below top of well Date 11/4/80
Artesian pressure _____ lbs. per square inch Date _____
Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? _____
Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
" " " " " " "
" " " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test _____
Baller test: 30 gal./min. with 27 ft. drawdown after 3 1/2 hrs.
Artesian flow _____ g.p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes No

Work started 11/3/80 Completed 11/4/80 1980

WELL DRILLER'S STATEMENT:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME: Johnson Drilling Co., Inc.
(Person, firm, or corporation) (Type or print)
Address: 19415 108th Ave SE Renton 98003

[Signed]: Brad Johnson
(Well Driller)
License No. 0233 Date: 11/4/80 1979

Well #2

Flowing
WELL LOGSTATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
AND DEVELOPMENT Unrecorded
Well

No /

Date , 1944

Record by owner

Source Decla. of G. W. Claim

Location State of WASHINGTON

County King

Area

Map

SW 1/4 SW 1/4 sec 31 T 23N, R 5 E W

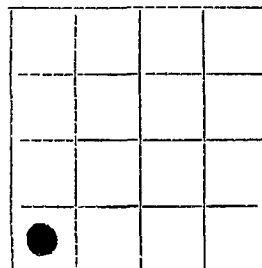


Diagram of Section

Drilling Co

Address

Method of Drilling drilled Date , 19

Owner Fritz Liesinger

Address Kent, Washington

Land surface, datum ft above
below

CORRE- LATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
------------------	----------	---------------------	-----------------

(Transcribe driller's terminology literally but paraphrase as necessary in parentheses
If material water bearing so state and record static level if reported Give depths in feet
below land surface datum unless otherwise indicated Correlate with stratigraphic column
if feasible Following log of materials list all casings perforations screens etc)

	Mud:	200	200
	Some hard pan before striking water		
	Dim: 2" x 220'		
	Yield: 25 g.p.m.		

Turn up

Sheet of sheets

File number

23N/5E-31N

Well #1
Flowing

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
AND DEVELOPMENT *Unrecorded*

WELL LOG

No / Well

Date , 19 16

Record by owner

Source Decla. of G. W. Claim

Location State of WASHINGTON

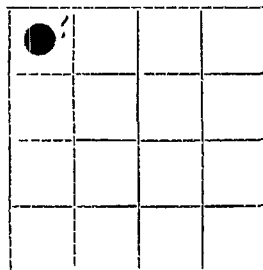
County King

~~Adm.~~ Gov't. Lot 4 of

Map

$\frac{1}{4}$ $\frac{1}{4}$ sec 6 T22 N, R 5 ^E_W

Diagram of Section



Drilling Co

Address

Method of Drilling driven Date , 19

Owner Fritz Liesinger

Address Kent, Washington

Land surface, datum ft ^{above}/_{below}

CORRELATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
-------------	----------	------------------	--------------

(Transcribe driller's terminology literally but paraphrase as necessary in parentheses. If material water-bearing so state and record static level if reported. Give depths in feet below land-surface datum unless otherwise indicated. Correlate with stratigraphic column, if feasible. Following log of materials, list all casings perforations, screens, etc.)

Pump Test:			
Dim: $1\frac{1}{2}$ " x 196'			
Yield: 15 g.p.m.			

22 N / 5 E - 6 D
File number

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
AND DEVELOPMENT

ARTESIAN

WELL LOG

No. Decla. #11
Cert. #2

Date Spring, 1921

Record by Fritz Liesinger

Source Declaration of G. W. Claim

Location State of WASHINGTON

County King

Area _____

Map _____

NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec 1 T 22 N, R 4 $\frac{E}{W}$

DIAGRAM OF SECTION

Drilling Co _____

Address _____

Method of Drilling drilled Date _____ 19____

Owner Fritz Liesinger

Address Route 2, Kent, Washington

Land surface, datum _____ ft above
below _____

CORRELATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
-------------	----------	------------------	--------------

(Transcribe driller's terminology literally but paraphrase as necessary in parentheses. If material water bearing so state and record static level if reported. Give depths in feet below land surface datum unless otherwise indicated. Correlate with stratigraphic column if feasible. Following log of materials list all casings perforations screens etc.)

	Earth - clay, hardpan, gravel to 260'		
	No record.		
	Pump Test:		
	Dim: 260' x 3"		
	SWL: flowing, measured discharge 55 g.p.m.		
	Shut-in pressure at ground surface 28 lbs. per sq. in.; Water controlled by cap.		
	Casing: 3" diameter from 0 to 260'		
	Perforations: Screen from 255' to 260'		

Turn up

Sheet _____ of _____ sheet

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
AND DEVELOPMENT

FLOWING

WELL LOG

No Appl. 4140

Date Oct. 4, 1955

Record by J. W. Wilson

Source Driller's Record

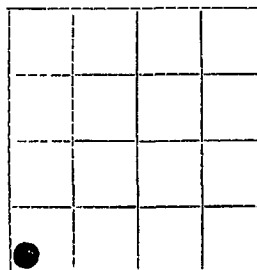


Diagram of Section

Location State of WASHINGTON

County King

Area

Max Govt Lot 7

SW 1/4 SW 1/4 sec 6 T 22 N, R 5 E

Drilling Co J. E. Maxwell

Address 15247 42nd Ave. S. Seattle, Wash.

Method of Drilling Drilled Date , 19

Owner James W. Wilson

Address Rt. 2, Box 1050 Kent, Wn.

Land surface, datum ft above below

22N, 5E-6N
File number

CORRE- LATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
------------------	----------	---------------------	-----------------

(Transcribe driller's terminology literally but paraphrase as necessary, in parentheses if material water-bearing so state and record static level if reported Give depths in feet below land surface datum unless otherwise indicated Correlate with stratigraphic column if feasible Following log of materials, list all casings, perforations, screens, etc)

	Soil	4	4
	Clay, Sandy, brown	28	32
	Sand, black, coarse	30	62
	Clay, sandy	35	97
	Sand, hard	6	103
	Clay, rubbery blue 80%	63	166
	hardpan layers 20%		
	Sand, hard-some artesian	3	169
	water		
	Clay rubbery, blue,	43	212
	80% hardpan layers 20%		
	Pump Test:		
	Dia: 210' X 6"		
	SWL: 210'		
	DD:		

